

AMENDMENTS TO THE CLAIMS

Sub

1. (Amended Twice) A method of executing a software application, comprising the steps of:

2. (a) calling the software application residing on a server from a ~~client~~; one of a plurality of

3. clients, the ~~client~~ clients and the server connected to each other through a at least one network,

4. the software application having a plurality of policy frameworks, each associated with a

5. respective one of a the plurality of clients;

6. (b) launching a container/desktop of one of the client plurality of clients consistent with

7. the respective policy framework of the one client;

8. (c) the container/desktop initializing and communicating to the server to execute a script

9. of the application;

10. (d) executing the script on the server, the script downloading a first user-interface

11. component of the application to the container/desktop;

12. (e) the container/desktop executing the first user-interface component;

13. (f) the first user interface component linking to and starting a subsequent user-interface

14. component of the script,

15. (g) closing the first user-interface component; and

16. (h) the server downloading the subsequent user-interface component to the

17. container/desktop, and the container/desktop executing the subsequent user- interface component

18. and then closing the subsequent user-interface component.

2. (Previously Cancelled).

1 3. (Previously Amended) The method of claim 1, further comprising the container/desktop
2 removing the user-interface components from memory within the client as each first and
3 subsequent user-interface component is closed.

1 4. (Amended Twice) A method of executing an application having a plurality of tasks to be
2 interactively executed with a user, said method comprising:

3 (a) downloading to a ~~container/desktop~~ one of a plurality of container/desktops only
4 those of a plurality of user-interface components consistent with a policy/framework of the one
5 container/desktop, the user interface components stored on a server needed to perform a first task
6 of the plurality of tasks of an application according to a script executing on the server;
7 (b) executing the first task on the container/desktop;
8 (c) closing said downloaded user-interface components needed to perform the task
9 when no longer needed;

10 (d) purging said closed user-interface components from said one container/desktop
11 when said closed user-interface component is components are no longer needed;

12 (e) downloading to a the one container/desktop only those user-interface components
13 stored on a server needed to perform a subsequent task of the plurality of tasks of an application
14 according to the script;

15 (f) executing the subsequent task on the one container/desktop;

16 (g) repeating steps (c) and (d); and

17 (h) repeating steps (e) through (g) until all of the plurality of tasks are completed.

1 5. (Currently Amended) A computer server, comprising:

2 (a) a processor, a memory, a bus, and at least one I/O port by which to communicate

3 with a remote client having a container/desktop,

4 C. (b) an operating system with which to coordinate the processor, the memory, the bus

5 and the at least one I/O port to communicate to the client;

6 (c) an application comprising a plurality of tasks to be executed on the

7 container/desktop, the application stored in memory of and executing on the server;

8 (d) a script of the application stored in the memory of and executing on the server;

9 and

10 (e) a plurality of user-interface components stored in the memory, the script

11 comprising code executing on the server to connect the user-interface components to comprise

12 the application;

13 wherein the application launches the container/desktop on the client which container/desktop that

14 interacts with the script executing on the server to download from the server to the

15 container/desktop only those user-interface components required for a current task executing on

16 the container/desktop.

1 6. (Currently Amended) A client device, comprising:

2 (a) a container/desktop;

3 (b) an I/O port with which to communicate to one or more servers having software

4 applications invoking a plurality of tasks on the container/desktop, scripts, and user-interface

5 components for the applications; and

6 (c) an interactive medium with which to interact with a user,
7 wherein when the user uses the interactive medium to request an application from the server, the
8 container/desktop communicates with the server through the I/O port and invokes a script of the
9 application in the server, the script and the application executing on the server and which
10 downloads only those user- interface components to the container/desktop needed by a current
11 one of the plurality of tasks executing according to the script and and wherein the
12 container/desktop discards the user-interface components no longer needed by the application.

1 7. (Original) The client device of claim 6 wherein the container/desktop comprises code for
2 implementation of the user-interface component on a personal computer.

1 8. (Original) The client device of claim 6 wherein the container/desktop comprises code for
2 implementation of the user-interface component on a voice-response unit.

1 9. (Original) The client device of claim 6 wherein the container/desktop comprises code for
2 implementation of the user-interface component on a network computer.

1 10. (Original) The client device of claim 6 wherein the container/desktop comprises code for
2 implementation of the user-interface component on a pervasive mobile device.

1 11. (Original) The client device of claim 6 wherein the container/desktop comprises code for
2 implementation of the user-interface component on a second server behaving as a client.

1 12. (Currently Amended) A method to script user-interface components to create an
2 application ~~which is~~ stored on a server and whose user-interface components are downloaded to
3 one of a variety of container/desktops of different clients, said method comprising:

4 (a) decomposing the presentation logic of the application into a plurality of tasks to
5 be performed interactively with a user on the client;
6 (b) for each of the tasks, creating a state diagram having a plurality of nodes wherein
7 a user-interface component is associated with at least two of the plurality of nodes;
8 (c) writing a script connecting each of the user-interface components in accordance
9 with the state diagram and a policy framework of the container/desktop, each one policy
10 framework being unique to one of said variety of container/desktops of different clients;
11 wherein said script and said user-interface components are stored on at least one server to which
12 said client is connected and said script executes on said server to download said user-interface
13 components ~~are downloaded~~ to said container/desktop of said client on an as-needed basis and in
14 accordance with the policy framework unique to said container/desktop of said client.

1 13. (Currently Amended) A program product that causes an application to be executed on a
2 server by a user of a client device in which the user interacts through a container/desktop of the
3 client device with the application, the program product comprising a script of a plurality of
4 user-interface components, such that the container/desktop initializes the script, the script
5 executing on the server and said container/desktop and controls controlling the downloading and
6 termination of the user-interface components on an as-needed basis according to the script, the
7 script executing on the server.

1 14. (Original) The program product of claim 13, wherein the user-interface components are
2 stored on one or more servers.

1 15. (Original) The program product of claim 13 wherein some or all of the user-interface
2 components are stored on the program product.

1 16. (Currently Amended) A computing apparatus, comprising:

2 (a) means a server for storing a software application to be performed by a user on a
3 container/desktop;

4 (b) means for invoking a script of a plurality of user-interface components to execute
5 said software application having a plurality of tasks according to a policy framework of said
6 container/desktop;

7 (c) means for executing said script on the server to perform the plurality of tasks of
8 said software application;

9 (d) means for downloading only those of said plurality of user-interface components
10 from the server to said container/desktop when a corresponding task is being accomplished
11 according to said script; and

12 (e) means to display each of said user-interface components and to discard any
13 previous of said user-interface components from said container/desktop when no longer needed
14 by said user to perform said corresponding tasks of said software application in accordance with
15 said policy framework of said container/desktop.